



JN0-104^{Q&As}

Junos, Associate (JNCIA-Junos)

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**QUESTION 1**

Your Junos OS routers use a static route to provide connectivity to the management network. You do not want this static route to be redistributed using a dynamic routing protocol. In this scenario, which static route configuration parameter will accomplish this task?

- A. A. no-install
- B. B. no-retain
- C. C. no-resolve
- D. D. no-readvertise

Correct Answer: C

QUESTION 2

Which two statements describe the RE on Junos OS devices? (Choose two.)

- A. The RE is considered the control plane.
- B. The RE forwards traffic based on its local copy of the forwarding table.
- C. The RE provides hardware status messages for the PFE
- D. The RE maintains the routing tables.

Correct Answer: AD

Ref: Juniper Networks Partner Solution Development Platform: Architecture of the JUNOS System

"Architecture of the JUNOS System

...

The Routing Engine operates all routing protocols and makes all routing decisions by creating a routing table that includes the best path to each destination. The router writes these paths to a forwarding table in the Routing Engine and then

copies the same data to the forwarding table on the Packet Forwarding Engine (PFE) which actually forwards the packets.

...

The Control Plane

...

The control plane runs on the Routing Engine. Its role is to manage and control the behavior of the device, including the data plane and the services plane.

..."

**QUESTION 3**

You are in configuration mode at the top of the hierarchy. You need to abort the changes that you have made and start again with a fresh copy of the active configuration. Which command should you use to accomplish this task?

- A. rollback 0
- B. load active
- C. reset config
- D. clear candidate config

Correct Answer: A

QUESTION 4

Which three benefits are made possible by the separation of the control plane and forwarding plane of a Junos device? (Choose three.)

- A. nonstop active routing
- B. in-service software upgrades
- C. deep packet inspection
- D. stateful firewall
- E. graceful Routing Engine switchover

Correct Answer: ABE

"This architectural design also makes possible the incorporation of high availability features like graceful Routing Engine switchover (GRES), nonstop active routing (NSR), and unified in-service software upgrades (ISSUs)." <https://douran.academy/wp-content/uploads/ebooks/jnica-junos-study-guide-part1.pdf>

QUESTION 5

Which two statements about exception traffic processing are correct? (Choose two.)

- A. When congestion occurs, only exception traffic is given preference.
- B. By default, a rate-limiter for exception traffic exists on the internal link between the control plane and the forwarding plane
- C. When congestion occurs, local and control traffic are given preference.
- D. By default, no rate-limiter for exception traffic exists on the internal link between the control plane and the forwarding plane.

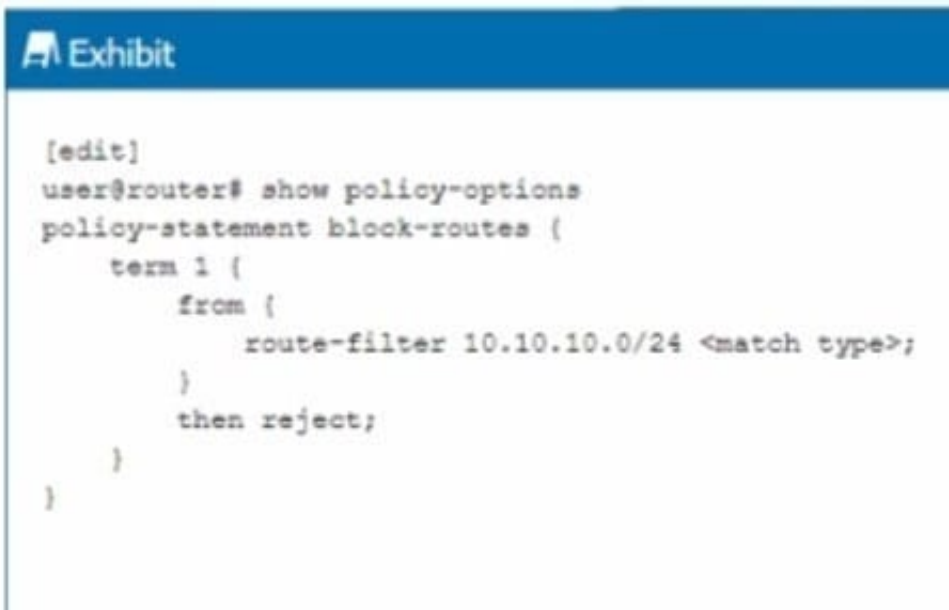
Correct Answer: BC



"During times of congestion, the Junos OS gives preference to the local and control traffic destined for the RE. The built-in rate limiter is not configurable." <https://douran.academy/wp-content/uploads/ebooks/jnica-junos-study-guide-part1.pdf>

QUESTION 6

Click the Exhibit button,



```
[edit]
user@router# show policy-options
policy-statement block-routes {
  term 1 {
    from {
      route-filter 10.10.10.0/24 <match type>;
    }
    then reject;
  }
}
```

You are creating a new routing policy on your Junos device. You are currently receiving multiple routes within the 10.10.10.0/24 subnet from the same upstream BGP neighbor. Your policy should only allow the 10.10.10.0/24 route and reject all other routes within that /24 range

Referring to the exhibit, which route filter match type would satisfy this requirement?

- A. exact
- B. orlonger
- C. prefix-length-range /24-/32
- D. longer

Correct Answer: A

QUESTION 7

A router contains both a static route and an OSPF route for the 172.18.100.0/24 prefix in its routing table. The router is configured to use the factory-default Junos OS routing preference values.

In this scenario, which statement is correct?

- A. The OSPF route will be active because of a higher default preference value.



- B. The OSPF route will be active because of a lower default preference value.
- C. The static route will be active because of a lower default preference value.
- D. The static route will be active because of a higher default preference value.

Correct Answer: C

QUESTION 8

You must verify that interface ge-0/0/0.0 is administratively up and that the link is up.

In this scenario, which command will accomplish this task?

- A. show configuration interfaces ge-0/0/0.0
- B. show chassis fpc pic-status
- C. show system information
- D. show interfaces terse

Correct Answer: D

Ref: show interfaces | Junos OS | Juniper Networks

"show interfaces ... Sample Output ... show interfaces terse user@host> show interfaces terse Interface Admin Link Proto Local Remote ge-0/0/0 up up ge-0/0/0.0 up up inet 10.209.4.61/18 gr-0/0/0 up up ..."

QUESTION 9

Click the Exhibit button.



Exhibit

```
[edit groups]
user@router# show
ge-int {
    interfaces {
        <ge-2/*> {
            unit 0 {
                family inet{
            }
        }
    }
}
```

What will happen when you commit the configuration shown in the exhibit?

- A. Gigabit interfaces on FPC 2 will inherit the family inet configuration.
- B. All gigabit interfaces will inherit the family inet configuration.
- C. VLAN 0 will be applied to gigabit interfaces on FPC 2.
- D. VLAN 0 will be applied to all gigabit interfaces.

Correct Answer: A

QUESTION 10

Which address correctly represents a valid abbreviation for the 2bfc:0000:0000:0000:0217:0000:fe8c:5c85/128 IPv6 address?

- A. 2bfe::217:0:fe8c:5c85/128
- B. 2bfe:0:217:-fe8c:5c85/128
- C. 2bfe::0217::fe8e:5e85/128



D. 2bfe:0:217:0:fe8e:5?5/128

Correct Answer: A

QUESTION 11

What are two modes of unicast reverse path forwarding? (Choose two.)

- A. Strict
- B. High
- C. Low
- D. Loose

Correct Answer: AD

There are two modes of unicast RPF, strict mode, and loose mode. The default is strict mode, which means the switch forwards a packet only if the receiving interface is the best return path to the packet's unicast source address.

https://www.juniper.net/documentation/en_US/junos/topics/topic-map/l3-vpns-unicast-reverse-path.html#:~:text=There%20are%20two%20modes%20of,the%20packet's%20unicast%20source%20address.

QUESTION 12

Referring to the exhibit, what is the expected behavior for login attempts from users that receive a reject form from both the RADIUS and TACACS+ servers?

```
[edit]
user@router# show system authentication-order
authentication-order [ radius tacplus ];
```

- A. Users are prompted for a local authentication password.
- B. Users are not prompted for a local authentication password.
- C. Users are prompted for the root authentication password.
- D. Users are granted limited access to the device using a guest account.

Correct Answer: B

Local Auth is not included in the authentication-order. It will only consult the local auth if it doesn't received any reply from the RADIUS and TACAS from a certain time. In this case the RADIUS and TACAS rejects the Authentication therefore no need to consult the local auth.

QUESTION 13



What are two examples of transit traffic? (Choose two.)

- A. SFTP traffic that enter one interface and is destined for another interface on the local router.
- B. SCP traffic that enters one interface and exits another interface on the local router.
- C. SFTP traffic that enters and exits the same interface on the local router.
- D. SCP traffic that is destined for the router's loopback interface.

Correct Answer: BC

QUESTION 14

What is an "X" release of the Junos OS?

- A. a standard feature release
- B. a special feature release
- C. a feature velocity release
- D. a feature beta release

Correct Answer: B

QUESTION 15

What is responsible for processing multicast transit traffic?

- A. Control plane
- B. Management plane
- C. RE
- D. PFE

Correct Answer: D

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